

Attorney Docket No. 05965.P013D

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Raja Singh Tuli

Application No.: Not Yet Assigned

Filing Date: Herewith

For: Portable High Speed Internet Access
Device

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EV33659003845
I hereby certify that I am causing this paper or fee to be deposited with
the United States Postal Service "Express Mail Post Office to
Addressee" service on the date indicated above and that this paper or
fee has been addressed to Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450 on:

2-13-04
(Date of Deposit)

KATHLEEN K. MUTO
(Name of Person Mailing Correspondence)

Kathleen K. Muto 2-13-04
(Signature) (Date)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Examiner:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to C.F.R. 1.98(d), copies of the references listed on pages 4-22 are not being provided herewith, since they were previously submitted to, or cited by, the Patent and

Trademark Office in the parent application, U.S. Patent Application Serial No. 09/708,031, filed November 8, 2000. This parent application is relied upon for an earlier effective filing date under 35 U.S.C. 120. Copies of the references listed on pages 23-26 are provided herewith.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

 X 37 C.F.R. §1.97(b).

 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

 A statement pursuant to 37 C.F.R. §1.97(e); or

 A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

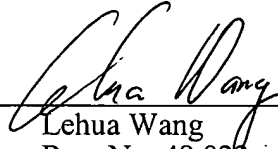
(1) A statement pursuant to 37 C.F.R. §1.97(e); and

(2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

Dated: 2/13, 2004



Lehua Wang
Reg. No. 48,028

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8300

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US4,899,394		Lee	02-06-1990	
		US5,758,110		Boss et al.	05-26-1998	
		US5,809,415		Rossmann	09-15-1998	
		US5,838,906		Doyle et al.	11-17-1998	
		US5,884,014		Huttenlocher et al.	03-16-1999	
		US5,966,135		Roy et al.	10-12-1999	
		US5,987,256		Wu et al.	11-16-1999	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	0 889 402	A	IBM	01-07-1999		
		EP	1 001 613	A	Hewlett-Packard Company	05-17-2000		
		WO	01 09836	A	Iviewit Holdings, Inc.	02-08-2001		
		WO	97 30556	A	Ericsson Inc.	08-21-1997		
		WO	97 38389	A	Lextron Systems, Inc.	10-16-1997		
		WO	98 40842	A	Computer Info. & Sciences, Inc.	09-17-1998		
		WO	98 43177	A	Intel Corp.	10-01-1998		
		WO	99 09658	A	Inergy Online Inc.	02-25-1999		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Applicati n Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

OTHER ART – NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		International Search Report, PCT/US 01/03382, 1 pages, 2001	
		International Search Report, PCT/CA 01/00114, 3 pages, 2001	
		International Search Report, PCT/CA 01/00126, 3 pages, 2001	
		International Search Report, PCT/CA 01/00170, 4 pages, 2002	
		International Search Report, PCT/CA 01/00169, 3 pages, 2002	
		International Search Report, PCT/CA 02/00048, 5 pages, 2003	
		Tagawa Norio, "Data Relay System and Data Repeater Applied to the System", Patent Abstracts of Japan, vol. 1997, no. 10, June 24, 1997	
		Armando Fox et al, "Experience with Top Gun Wingman: a proxy-based graphical web browser fro the 3Com PalmPilot", <i>Middleware</i> , IFIP International Conference on Distributed Systems, Platforms and Open Distributed Processing, September 1998, pp. 407-424.	
		Richard Han, et al., "Dynamic Adaptation in an Image Transcoding Proxy for Mobile Web Browsing", <i>IEEE Personal Communication</i> , December, 1998, pp. 8-17.	
		Timothy Bickmore, et al., "Web Page Filtering and Re-Authoring for Mobile Users", <i>The Computer Journal</i> , vol. 42, no. 6, 1999	

Examiner Signature	Date Considered
--------------------	-----------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		5,925,103		Magallanes et al.	07-20-1999	
		5,444,763		Lazaridis et al.	08-22-1995	
		5,555,241		Lazaridis et al.	09-10-1996	
		5,559,800		Mousseau et al.	09-24-1996	
		5,600,790		Barnstijn et al.	02-04-1997	
		5,657,345		Lazaridis	08-12-1997	
		5,701,451		Rogers et al.	12-23-1997	
		5,721,908		Lagarde et al.	02-24-1998	
		5,761,663		Lagarde et al.	06-02-1998	
		5,793,964		Rogers et al.	08-11-1998	
		5,974,441		Rogers et al.	10-26-1999	
		5,764,235		Hunt et al.	06-09-1998	
		5,802,312		Lazaridis et al.	09-01-1998	
		5,862,348		Pedersen	01-19-1999	
		5,884,056		Steele	03-16-1999	
		5,893,095		Jain et al.	04-06-1999	
		5,915,250		Jain et al.	06-22-1999	
		5,910,805		Hickey et al.	06-08-1999	
		5,928,324		Sloan	07-27-1999	
		5,938,737		Smallcomb et al.	08-17-1999	
		5,956,716		Kenner et al.	09-21-1999	
		5,961,586		Pedersen	10-05-1999	
		5,961,603		Kunkel et al.	10-05-1999	
		6,049,539		Lee et al.	04-11-2000	
		5,995,102		Rosen et al.	11-30-1999	

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		6,065,057		Rosen et al.	05-16-2000	
		6,118,449		Rosen et al.	09-12-2000	
		6,003,065		Yan et al.	12-14-1999	
		6,006,231		Popa	12-21-1999	
		6,006,241		Purnaveja et al.	12-21-1999	
		6,008,836		Bruck et al.	12-28-1999	
		6,011,905		Huttenlocher et al.	01-04-2000	
		6,012,086		Lowell	01-04-2000	
		6,014,694		Aharoni et al.	01-11-2000	
		6,014,706		Cannon et al.	01-11-2000	
		6,016,535		Krantz et al.	01-18-2000	
		6,021,409		Burrows	02-01-2000	
		6,023,749		Richardson	02-08-2000	
		6,026,435		Enomoto et al.	02-15-2000	
		6,034,686		Lamb et al.	03-07-2000	
		6,047,047		Aldridge et al.	04-04-2000	
		6,049,821		Theriault et al.	04-11-2000	
		6,057,857		Bloomfield	05-02-2000	
		6,081,623		Bloomfield et al.	06-27-2000	
		6,118,899		Bloomfield et al.	09-12-2000	
		6,065,800		Olson	05-23-2000	
		6,067,571		Igarashi et al.	05-23-2000	
		6,072,483		Rosin et al.	06-06-2000	
		6,073,168		Mighdoll et al.	06-06-2000	
		6,073,483		Nitecki et al.	06-13-2000	

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (If known)			
		6,092,107	Eleftheriadis et al.	07-18-2000	
		6,101,180	Donahue et al.	08-08-2000	
		6,104,392	Shaw et al.	08-15-2000	
		6,105,021	Berstis	08-15-2000	
		6,108,655	Schleimer et al.	08-22-2000	
		6,108,727	Boals et al.	08-22-2000	
		6,119,135	Helfman	09-12-2000	
		6,121,970	Guedalia	09-19-2000	

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		Tristan Richardson, Quentin Stafford-Fraser, Kenneth R. Wood & Andy Hopper, "Virtual Network Computing", <i>IEEE Internet Computing</i> , Vol.2 No.1, Jan/Feb 1998 pp33-38.	
		Citrix Systems, Inc.: "Citrix Announces New Product and Product Enhancements that Speed Web Application", http://www.citrix.com/press/news/releases/20000905_product_enhance.asp , September 5, 2000.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US5,925,103		Magallanes et al.	07-20-1999	
		US6,049,831		Gardell et al.	04-11-2000	
		US6,182,127		Cronin, III et al.	01-30-2001	
		US6,192,393		Tarantino et al.	02-20-2001	
		US6,304,928		Mairs et al.	10-16-2001	
		US6,359,603		Zwern, Arthur L.	03-19-2002	
		US6,404,416		Kahn et al.	06-11-2002	
		US6,411,275		Hedberg	06-25-2002	
		US6,449,639		Blumberg	09-10-2002	
		US6,466,198		Feinstein	10-15-2002	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	890922	A2	Watar, ITO	01-1999		

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)				Attorney Docket No.: 05965.P013D		Application Number:	
				First Named Inventor: Raja Tuli			
				Filing Date:			
Exam. Initial*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (If known)				

OTHER ART – NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation²
	U	Boutell, T. et al., "PNG (Portable Network Graphics) Specification Version 1.0", RFC 2083, pp. 1-102, March 1997.	
	V	Halfhill, T.R., "Good-Bye GUI . . . Hello, NUI," BYTE Magazine, www.byte.com , vol. 22, no. 7, pp. 60-64, 66, 68, 70, and 72, July 1997.	
	W	Masinter, L., "Returning Values from Forms: multipart/form-data," RFC 2388, pp. 1-9, August 1998.	
	X	Jao, C.S. et al., "The display of photographic-quality images on the Web: a comparison of two technologies," IEEE Transactions on Information Technology In Biomedicine, vol. 3, iss. 1, pp. 70-73, March 1999.	
	U	Kaljuvee, O. et al., "Efficient Web form entry on PDAs," ACM Proceedings of the tenth International Conference on WWW, ACM Press, ISBN: 1-58113-348-0, pp. 663-672, May 2001.	

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		5,856,827		Sudo	01-05-1999	
		5,925,103		Magallanes et al.	07-20-1999	
		6,263,347		Kobayashi et al.	07-17-2001	

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		6,195,667		Duga et al.	02-27-2001	
		6,185,625		Tso et al.	02-06-2001	
		6,317,781		De Boor et al.	11-13-2001	

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (If known)			
		US5,699,255	Ellis et al.	12-16-1997	
		US5,810,680	Lobb et al.	09-22-1998	
		US5,831,679	Montgomery et al.	11-03-1998	
		US5,978,835	Ludwig et al.	11-02-1999	
		US6,011,546	Bertram	01-04-2000	
		US6,087,952	Prabhakaran	07-11-2000	
		US6,097,352	Zavracky et al.	08-01-2000	
		US6,298,162	Sutha et al.	10-02-2001	
		US6,313,880	Smyers et al.	11-06-2001	
		US6,477,143	Ginossar	11-05-2002	

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		Selected pages from AT&T Wireless, Bell Atlantic Mobile, and Nextel, as delivered through the Wayback Machine, web.archive.org	
		Lewis, Ted. "Information Appliances: Gadget Netopia" <i>Computer</i> , Vol. 31, issue 1, Jan. 1998, pp. 59-68	
		Cimini, Leonard J., Jr., et al. "Advanced Cellular Internet Service (ACIS)", <i>IEEE communication Magazine</i> , Vol. 36, Issue 10, Oct. 1998, pp. 150-159	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 05965.P013D		Application Number:	
		First Named Inventor: Raja Tuli			
		Filing Date:			
U.S. PATENT DOCUMENTS					
Exam. Initial*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (If known)			

OTHER ART – NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		Oliphant, Malcolm W. "The Mobile Phone Meets the Internet", <i>IEEE Spectrum</i> , Vol. 36, Issue 8, Aug. 1999, pp. 20-28	
		Lind, R., et al. "The Network Vehicle – A Glimpse into the Future of Mobile Multi-Media", <i>IEEE ASE Systems Magazine</i> , Sep. 1999, pp. 27-32	
		Gbaguidi, Constant, et al. "A programmable Architecture for the Provision of Hybrid Services", <i>IEEE communications Magazine</i> , vol. 27, Issue 7, July 1999, pp. 110-116	
		Narayanaswamy, Shankar, et al. "User Interface for a PCS Smart Phone", <i>IEEE Int.. Conference on Multimedia Computing and Systems</i> , Vol. 1 June 1999, pp.777-781	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		6,535,743		Kennedy, III et al.	03-18-2003	
		6,006,105		Rostoker et al.	12-21-1999	

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US6,049,821		Theriac et al.	04-11-2000	
		US6,433,801		Moon et al.	08-13-2002	
		US6,539,077		Ranalli et al.	03-25-2003	
		US6,138,156		Fletcher et al.	10-24-2000	
		US5,949,875		Walker et al.	09-07-1999	
		US5,355,447		Knowlton	10-11-1994	
		US6,054,985		Morgan et al.	04-25-2000	
		US6,012,083		Savitzky et al.	01-04-2000	
		US5,995,105		Reber et al.	11-30-1999	
		US6,345,279		Li et al.	02-05-2002	
		US6,052,130		Bardon et al.	04-18-2000	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)				Attorney Docket No.: 05965.P013D		Applicati n Number:	
				First Named Inventor: Raja Tuli			
				Filing Date:			
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)				
		US5,161,213		Knowlton		11-03-1992	
		US5,765,176		Bloomberg		06-09-1998	
		US6,295,059		Lentz et al.		09-25-2001	
		US6,226,400		Doll		05-01-2001	
		US5,546,524		Chow et al.		08-13-1996	
		US6,219,465		Nacman et al.		04-17-2001	
		US6,262,732		Coleman et al.		07-17-2001	
		US6,035,281		Crosskey et al.		03-07-2000	
		US6,480,710		Laybourn et al.		11-12-2002	
		US6,182,054		Dickinson et al.		01-30-2001	

OTHER ART – NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
Examiner Signature		Date Considered	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US5,534,893	07-09-1996	Hansen, Jr. et al.		
		US5,949,412	09-07-1999	Huntsman		
		US6,084,584	07-04-2000	Nahi et al.		
		US6,286,003	09-04-2001	Muta		
		US6,564,250	05-13-2003	Nguyen		
		US6,571,245	05-27-2003	Huang et al.		

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US6,598,087		Dixon, III et al.	07-22-2003	
		US6,256,750		Takeda	07-03-2001	
		US5,867,662		Riggs	02-02-1999	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	1043876	A2	Ruberg, Alan T			
		WO	0033232	A2	ELG			

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		Rumba Technical Bulletin, "Configuring RUMBA LPR & LPD (16-bit)," 1996, from the web: 156.27.8.200/ts_rumba/solution/pdf/TCPIP/4002.pdf, pp.1-11	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US6,014,133		Yamakado et al.	01-11-2000	
		US5,923,736		Shachar	07-13-1999	
		US6,356,283		Guedalia	03-12-2002	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US6,536,043		Guedalia	03-18-2003	
		US6,449,639		Blumberg	09-10-2002	
		US5,727,159		Kikinis	03-10-1998	
		US5,682,525		Bouve et al.	10-28-1997	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US6,157,935		Tran et al.	12-05-2000	
		20020015042		Robotham, John S.	02-07-2002	
		20010034770		O'Brien, Terry	10-25-2001	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	0 889 636	A	Fuji Photo Film Co Ltd	01-07-1999		

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		International Search Report, PCT/CA 02/00133, 3 pages, 2003	
		International Search Report, PCT/CA 02/00048, 3 pages, 2003	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US6,553,412		Kloba et al.	04-22-2003	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (If known)			

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	0 833 260		IBM	01-01-1998		

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		International Search Report, PCT/CA 01/01057, 2 pages, 2003	
		Joel F. Bartlett, "Experience with a Wireless World Wide Web Client", March, 1995	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 05965.P013D	Application Number:
	First Named Inventor: Raja Tuli	
	Filing Date:	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		US5,845,076		Arakawa	12-01-1998	
		US6,269,481		Perlman et al.	07-31-2001	
		US6,285,461		Fujii et al.	09-04-2001	
		2002/0018234		Fu, Arron et al.	02-14-2002	
		US6,201,611		Carter et al.	03-13-2001	
		US5,768,483		Maniwa et al.	06-16-1998	
		US6,631,247		Motoyama et al.	10-07-2003	
		US6,615,234		Adamske et al.	09-02-2003	
		US6,560,621		Barile	05-06-2003	
		US6,553,240		Dervarics	04-22-2003	
		US6,243,761		Mogul et al.	06-05-2001	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		WO	99/48007		Cohen, et al.	09-23-1999		
		EP	1026578	A2	Koga	08-09-2000		
		GB	2347766	A	Wilson	09-13-2000		
		EP	1109113	A2	Matsubayashi et al.	06-20-2001		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.